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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACTION	See Notification	on of Transmittal of International camination Report (Form PCT/IPEA/416)
PCT 21078Y	1031 - 1-4 (1-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4	nth biggr)	Priority date (day/month/year)
International application No.	International filing date (day/mor	unryeur)	Thomas (may make)
PCT/US03/10341	04 April 2003 (04.04.2003)		08 April 2002 (08.04.2002)
International Patent Classification (IPC)	or national classification and IPC		
IPC(7): A61K 31/498; C07D 241/42. an	nd US Cl.: 514/249; 544/353.		
Applicant			
MERCK & CO., INC.			
Examining Authority and	nary examination report has be is transmitted to the applicant a	according to A	dete 50.
2. This REPORT consists of	f a total of <u>3</u> sheets, including	this cover she	et.
which have been am before this Authority	ended and are the basis for this y (see Rule 70,16 and Section 6		description, claims and/or drawings sheets containing rectifications made inistrative Instructions under the PCT).
These annexes consist of			
3. This report contains indic	cations relating to the following	items:	
I Basis of the re	port		
II Priority			
III Non-establishr	nent of report with regard to no	ovelty, inventiv	e step and industrial applicability
IV Lack of unity			
V Reasoned state applicability;	ement under Article 35(2) with citations and explanations suppo	regard to nove orting such stat	lty, inventive step or industrial ement
VI Certain docum	nents cited		
VII Certain defect	s in the international application	n	
VIII Certain observ	vations on the international app	lication	
	In	te of completio	n of this report
Date of submission of the demand	""	& or complete	2 0. 2
20 October 2003 (20.10.2003)	04	December 2003	(04.12.2003)
Name and mailing address of the IPEA	A/US A/	thorized officer	
Mail Stop PCT, Attn: IPEA/US	<i>₹</i>	Mit he	* Jankence for
Commissioner for Patents	/ En	nily Bernhardt	Minimo 408
P.O. Box 1450 Alexandria, Virginia 22313-145	Tel	ephone No. (70	3) 308-1235
Facsimile No. (703) 305-3230 Form PCT/IPEA/409 (cover sheet)(July	_/ 1998)		

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.	
PCT/US03/10341	

I.	Basi	s of the report
1.	With	regard to the elements of the international application:*
	\boxtimes	the international application as originally filed.
	\boxtimes	the description:
		pages 1-72 as originally filed
		pages NONE, filed with the demand
		pages NONE , filed with the letter of
	\bowtie	the claims:
		pages 73-93 , as originally filed
		pages NONE , as amended (together with any statement) under Article 19 pages NONE , filed with the demand
		pages NONE, filed with the demand pages NONE, filed with the letter of
		the drawings:
		pages NONE, as originally filed pages NONE, filed with the demand
		pages NONE , filed with the letter of
	abla	
		the sequence listing part of the description:
		pages 1-4, as originally filed pages NONE, filed with the demand
		pages NONE, filed with the letter of
2.	Witi	n regard to the language, all the elements marked above were available or furnished to this Authority in the
٠.	lang	uage in which the international application was filed, unless otherwise indicated under this item.
	Thes	e elements were available or furnished to this Authority in the following language which is:
		the language of a translation furnished for the purposes of international search (under Rule23.1(b)).
		the language of publication of the international application (under Rule 48.3(b)).
	П	the language of the translation furnished for the purposes of international preliminary examination(under Rules
		55.2 and/or 55.3).
3.	Wit	h regard to any nucleotide and/or amino acid sequence disclosed in the international application, the
	inter	national preliminary examination was carried out on the basis of the sequence listing:
	\boxtimes	contained in the international application in printed form.
	\boxtimes	filed together with the international application in computer readable form.
		furnished subsequently to this Authority in written form.
		furnished subsequently to this Authority in computer readable form.
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the
		international application as filed has been furnished.
		The statement that the information recorded in computer readable form is identical to the written sequence listing
		has been furnished.
4.		The amendments have resulted in the cancellation of:
		the description, pages NONE
		the claims, Nos. NONE
		the drawings, sheets/fig NONE
5.	Ш	This report has been established as if (some of) the amendments had not been made, since they have been considered to go
	D '	beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).** scement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in
thi	s rend	ort as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).
**	Any I	replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/US03/10341

STATEMENT			
Novelty (N)	Claims	1-25	
	Claims	NONE	NO
Inventive Step (IS)	Claims	1-25	YE
inventive Step (13)		NONE	NO
7 - 1 - 1 - 1 - 1 The GAN	Claima	1.05	YE
Industrial Applicability (IA)	Claims Claims	NONE	NO
Claims 1-25 meet the criteria set out in Fuctural makeup of compounds claimed herein wisition. Claims 1-25 meet the criteria set out in Future claimed can be made or used in industry. Exprine/threonine kinase inhibitory activity reported	hich require a n PCT Article 33(andatory sulfonylaminometry i), and thus possess industrial compounds of invention are t	annlicability because the subject
cuctural makeup of compounds claimed herein wastion. Claims 1-25 meet the criteria set out in International compounds on used in industry.	hich require a n PCT Article 33(andatory sulfonylaminometry i), and thus possess industrial compounds of invention are t	applicability because the subject
cuctural makeup of compounds claimed herein wastion. Claims 1-25 meet the criteria set out in International compounds on used in industry.	hich require a n PCT Article 33(andatory sulfonylaminometry i), and thus possess industrial compounds of invention are t	applicability because the subject
cuctural makeup of compounds claimed herein wastion. Claims 1-25 meet the criteria set out in International compounds on used in industry.	hich require a n PCT Article 33(andatory sulfonylaminometry i), and thus possess industrial compounds of invention are t	annlicability because the subject